

## CLAIMS

1. A medicine bag printing apparatus configured by an apparatus main body comprising:

5 a printing unit including a medicine bag cassette attached thereto/detached therefrom, the medicine bag cassette housing a plurality of medicine bags and supplying the medicine bags one by one, a printing part printing medicine information and an image of a medicine on the medicine bag supplied from the medicine bag cassette, and a tray storing the medicine bags each subjected to the  
10 printing process by the printing part such that a tip end of each medicine bag protrudes therefrom;

a holding section holding the tip end of the medicine bag placed on the tray of the printing unit; and

15 a carrying section carrying the medicine bag, having the tip end held by the holding section, out of the printing unit.

2. The medicine bag printing apparatus according to claim 1, wherein said holding section operates based on a print completion signal indicative of completion of the printing process performed on medicine bags for one patient by said printing  
20 part.

3. The medicine bag printing apparatus according to claim 1, wherein said printing unit is horizontally pulled out from said apparatus main body in a direction perpendicular to a discharge direction of a medicine bag.  
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4. The medicine bag printing apparatus according to claim 3, wherein said printing unit is pulled out from said apparatus main body and, then, turns such that the medicine bag cassette is attached thereto/detached therefrom.

5. The medicine bag printing apparatus according to any one of claims 1 to 4, further comprising:

5 a plurality of medicine bag supply units producing medicine bags different in size from each other from medicine bag base paper wound around medicine bag rolls and, then, supplying the medicine bags thus produced;

a plurality of transfer sections transferring the medicine bags supplied from the medicine bag supply units;

a plurality of printers printing medicine information on the medicine bags transferred by the transfer sections; and

10 a plurality of carrying sections carrying the medicine bags, subjected to the printing process by the printers, out of the printers.

6. The medicine bag printing apparatus according to claim 3, wherein each of said plurality of medicine bag supply units is horizontally pulled out from said apparatus main body, and includes a locking device locking said printing unit so as  
15 to prevent said printing unit from being pulled out from said apparatus main body when one of the plurality of medicine bag supply units is pulled out from the apparatus main body.